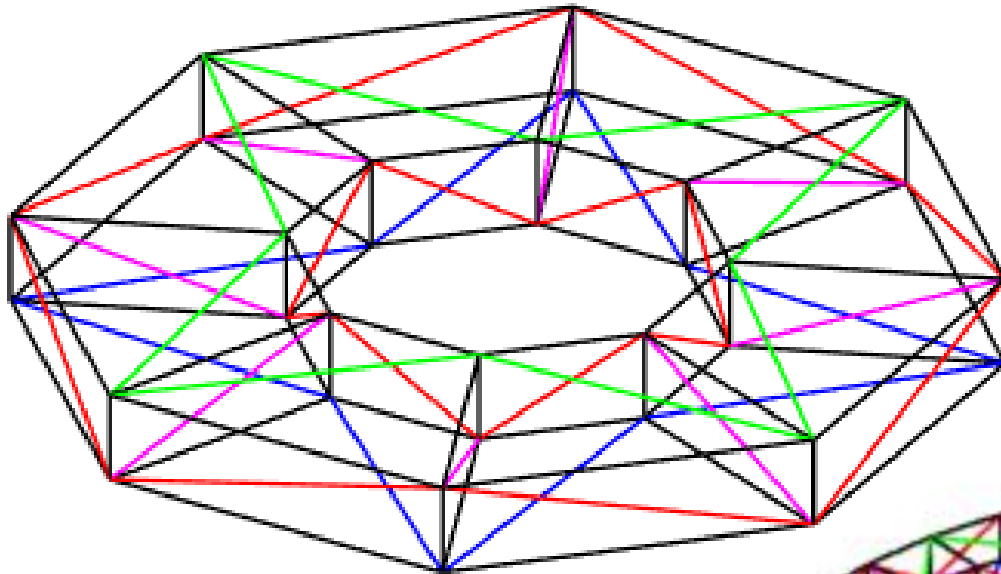


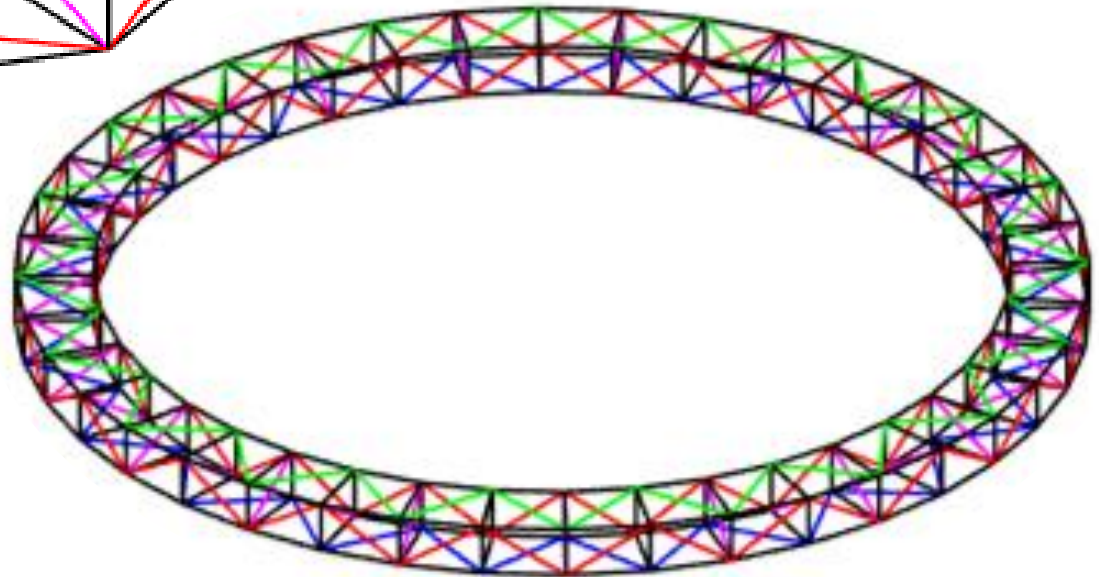
Modelling of a Deployable Ring Antenna Truss Structure using a Central Difference Scheme

Rebecca Durrant

Fully Deployed Model

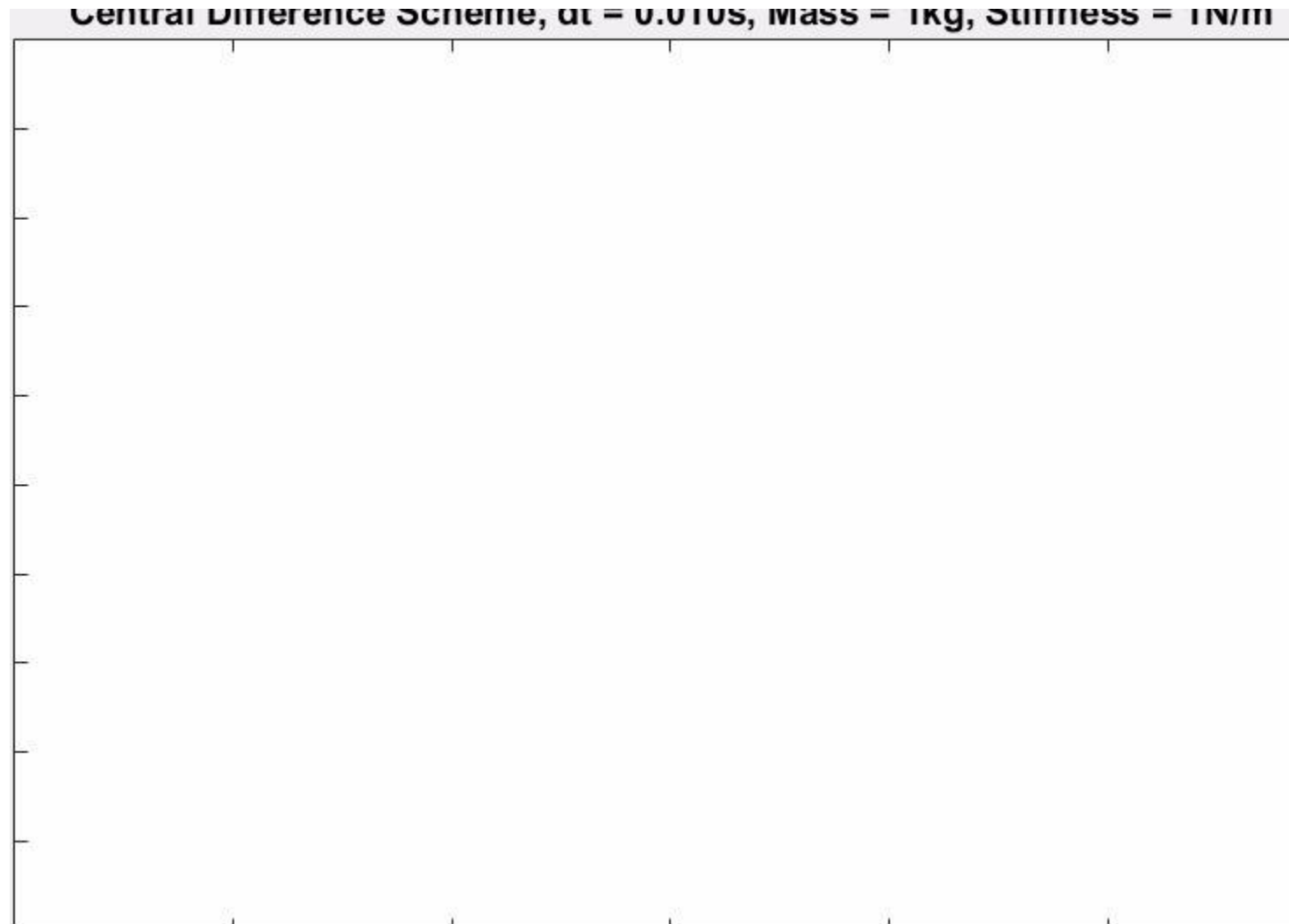


8 Section
10m Outer radius

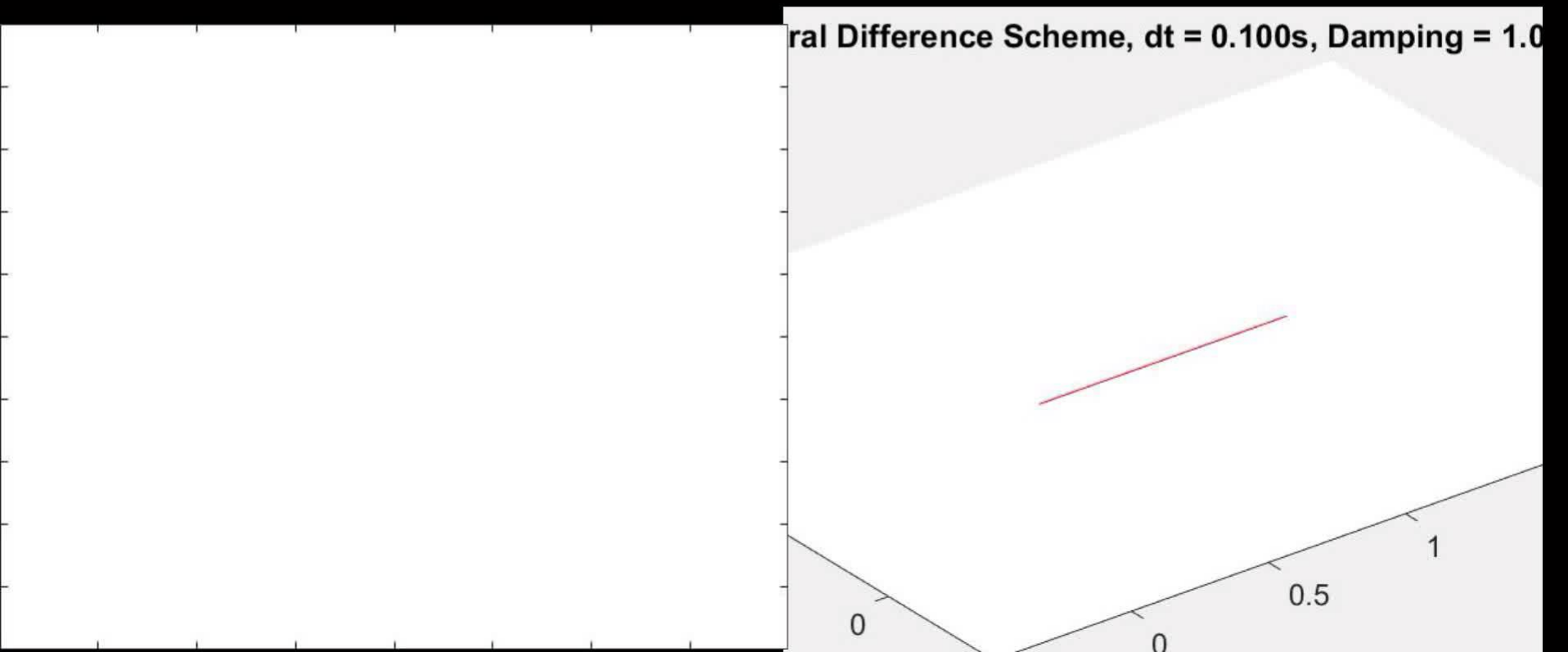


40 Section
20m Outer radius

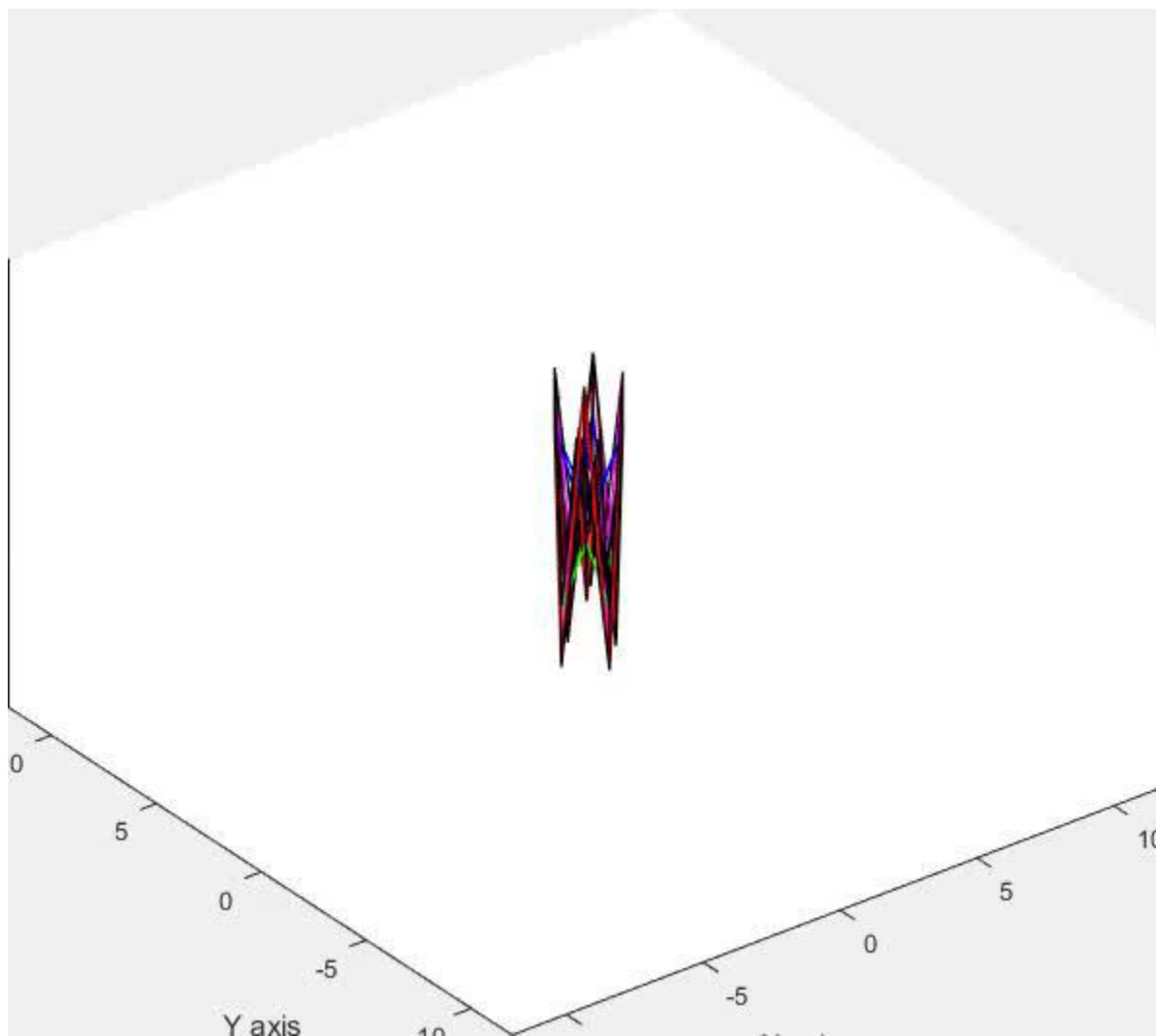
Central Difference Testing on Undamped SDOF System



Testing a Single Truss



Full Model Deployment



Any Questions?